

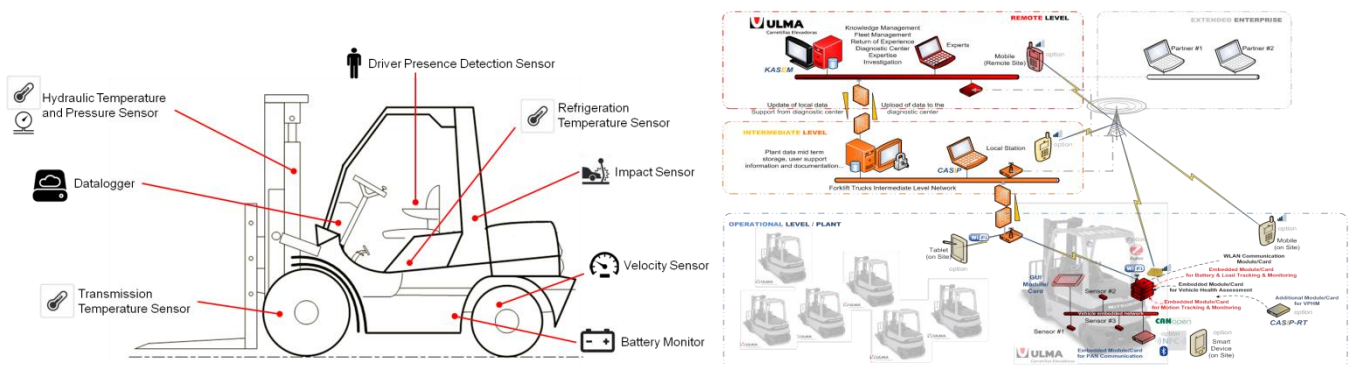
An Integrated Service Platform that provides essential information for Fleet Management, cost reductions and environmental / security improvements

T-REX first results in the transport solutions domain (ULMA)

• Presentation

The forklift trucks division of ULMA is one of the leading companies in the sale and rental of internal transportation and handling solutions in Spain.

ULMA, as one of T-REX partners, has presented in the Consortium meeting held in its Headquarters of Oñati the first achievements reached within the project, this is the first ULMA Fleet Management prototype. ULMA's Fleet Management system integrates an embedded hardware, both in the forklift truck and in its battery, along with an end user software endowed with event prediction capabilities, which jointly provide an Integrated Service Platform.



• Results

T-REX offers the right context for the combination of both technological and business innovation to pursue ULMA's industrial objectives. On one side, a new Short Term Rental (STR) Business Model has been defined and, on the other side, a technologically advanced Integrated Service Platform has been developed to enable Fleet Management and accomplish with the business plans.

The Integrated Service Platform, presented in a Live Demo on ULMA premises, provides a competitive advantage from similar systems in the market in aspects like: end user flexible solution, user friendly, based on latest technology, integration with ERP information for a complete Fleet Management, "knowledge algorithms" for predictive capacity, and a battery status datalogger that also extends its life-cycle by using pulse technology to avoid sulphating.





Project M24 Review Meeting at ULMA Oñati

Six months after the mid-term review, Month 24 General Meeting has gathered again T-REX consortium at ULMA in Oñati, Spain, from 22nd-23rd September 2015, in order to share results and update everyone on the progress made so far towards achieving the project objectives.

The first day, advances on the Business Modelling methodologies, Service Engineering and Condition Based Maintenance application were shown on the three industrial domains addressed by the project (i.e. transportation, machine tool and robotic market sectors). All T-REX consortium partners covered the expected objectives at this stage of the project. A visit to ULMA forklift trucks facilities was also held and the day finished analysing standardization, exploitation and financial issues.

In the second day it was particularly relevant the Live Demo session of ULMA (Fleet Management hardware and software with predictive capacity) and ESENERGIA (battery datalogger provided with desulphation pulse). The day was also dedicated to explore in detail the dissemination plans mainly for the 5 Key Exploitable Results (KERs) and to discuss the content for the remaining part of the project: Business Plan definitions, together with the evaluation and validation of T-REX industrial objectives.

For the forthcoming period of the project, T-REX partners will go on developing remaining tasks to complete each use case, as well as focus on validating, demonstrating and disseminating the advantages and the economic impact of developed applications for the addressed sectors.



T-REX Consortium at M24 General Meeting held at ULMA, Oñati (ES)

Coming soon...

IMA TECNO (Hall 1 - C36) and FIDIA (Hall 1 – B16 C17) in EMO 2015 from 5-10 October 2015, Mila (IT)

XII ASAP Service Management Forum, 12th October 2015, Villa Reale di Monza (IT)

“Developing a new service-based Business Model: technological and organizational changes”

IAO Forum “Smart Services” at Haus der Wirtschaft in Stuttgart (DE), 21st October 2015

ASAP SMF at UCIMU Headquarters (Italian machine tool, robots, automation manufacturers' association), 1st December 2015, Milan (IT)



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